CONTENTS

No. 1—January

PAGE

COCHRAN, A. J., F. WIENER, G. KLEIN and H. HARRIS. Genetic determinants of morphological differentiation in a lymphoma-sarcoma hybrid (Plates I–IX) . . . 1

SMITH, I. I., and A. E. STUART. Effects of simple lipids on macrophages *in vitro* (Plates X–XII) 13

DAVIS, G. E., and AUDREY THOMPSON. Effects of corticosteroid treatment and inflammation on the cellular content of blood and exudate in mice . . 17

CULLITY, G. J., and J. L. EMERY. Ulceration and necrosis of vocal cords in hospital and unexpected child deaths (Plates XIII–XVI) 27

REID, I. M., and G. A. HALL. An ultrastructural and biochemical study of hexachlorophane-induced fatty liver in sheep (Plates XVII–XXIV) 33

CARR, I. The ultrastructure of the abnormal reticulum cells in Hodgkins' disease (Plates XXV–XXXVI) 45

PLATT, H. Haemorrhagic nasal polyps of the horse (Plate XXXVII) . . . 51

MITCHINSON, M. J., K. P. SHERMAN and A. M. STAINER-SMITH. Brown patches in the epididymis (Plates XXXVIII and XXXIX) 57

No. 2—February

STUART, A. E., and I. I. SMITH. Histological effects of lipids on the liver and spleen of mice (Plates XL–XLIX) 63

REES, R. J. W., A. C. MCDOUGALL and A. G. M. WEDDELL. The testis in mice infected with *Mycobacterium leprae* (Plates L–LII) 73

DURACK, D. T. Experimental bacterial endocarditis. IV. Structure and evolution of very early lesions (Plates LIII–LXVII) 81

MANN, PATRICIA R., and C. N. D. CRUIKSHANK. An eosinophilotactic factor derived from rat mast cells 91

LEWIS, ELIZABETH, and J. L. TURK. Comparison of the effect of various antisera and cobra venom factor on inflammatory reactions in guinea-pig skin. I. Non-specific inflammation due to the intradermal injection of turpentine . . 97

LEWIS, ELIZABETH, and J. L. TURK. Comparison of the effect of various antisera and cobra venom factor on inflammatory reactions in guinea-pig skin. II. The Arthus reaction and the local Shwartzman reaction (Plates LXVIII and LXIX) III 111

No. 3—March

MCCORMACK, M. Prolonged survival with persistent atrio-ventricular ostium and pulmonary stenosis (Plate LXX) 127

PAGE

WHITTAKER, D. K. An ultrastructural study of initial changes in epithelium damaged by surface freezing (Plates LXXI–LXXV) 131

WHITTAKER, D. K. Ultrastructural changes in muscle following freezing in situ by a surface applied cold probe (Plates LXXVI and LXXVII) 139

APARICIO, S. R., R. J. DONNELLY, F. DEXTER and D. A. WATSON. Light and electron microscopy studies on homograft and heterograft heart valves (Plates LXXVIII–LXXXII) 147

PRATHAP, K. Diet-induced aortic atherosclerosis in Malaysian long-tailed monkeys (*Macaca irus*) (Plates LXXXIII–LXXXVII) 163

BROWN, JENNIFER M. Cystic partially differentiated nephroblastoma (Plates LXXXVIII and LXXXIX) 175

GAD, A., and V. EUSEBI. Rhabdomyoma of the vagina (Plate XC) 179

CATTELL, VICTORIA, and S. W. JAMIESON. Hyperacute rejection of guinea-pig to rat cardiac xenografts (Plates XCI–XCIX) 183

No. 4—April

JUDD, P. A., P. FINNEGAN and R. C. CURRAN. Pulmonary sarcoidosis: a clinico-pathological study (Plates C–CXI) 191

STEER, H. W., and D. G. COLIN-JONES. Melanosis coli: studies of the toxic effects of irritant purgatives (Plates CXII–CXIX) 199

QUEIROZ, L. S., J. LOPES DE FARIA and J. N. CRUZ NETO. An ependymoblastoma of the pons (Plates CXX and CXXI) 207

AHMED, ALI. Apocrine metaplasia in cystic hyperplastic mastopathy (Plates CXXII–CXXVII) 211

MCDOUGALL, A. C., R. J. W. REES, A. G. M. WEDDELL and M. WAJDI KANAN. The histopathology of lepromatous leprosy in the nose (Plates CXXVIII–CXXXIII) 215

MOLLAND, ELIZABETH A., and M. PURCELL. Biliary atresia and the Dandy-Walker anomaly in a neonate with 45,X Turner's syndrome (Plate CXXXIV) . . 227

MEACHIM, G., and I. A. Fergie. Morphological patterns of articular cartilage fibrillation (Plates CXXXV–CXXXVIII) 231

SCOTT, G. B. D., and I. F. KEYMER. Ulcerative colitis in apes: a comparison with the human disease (Plates CXXXIX and CXL) 241

MCDOUGALL, JENNIFER, and J. F. SMITH. The development of the human type II pneumocyte (Plates CXLI–CXLVIII) 245

BOOKS RECEIVED 253